

## Science Toolkit: Grade 5 Objective 2.A.2.c

Student Handout: Science: Grade 5 Objective 2.A.2.c

Standard 2.0 Earth/Space Science

Topic A. Materials and Processes That Shape A Planet

Indicator 2. Cite and describe the processes that cause rapid or slow changes in Earth's surface.

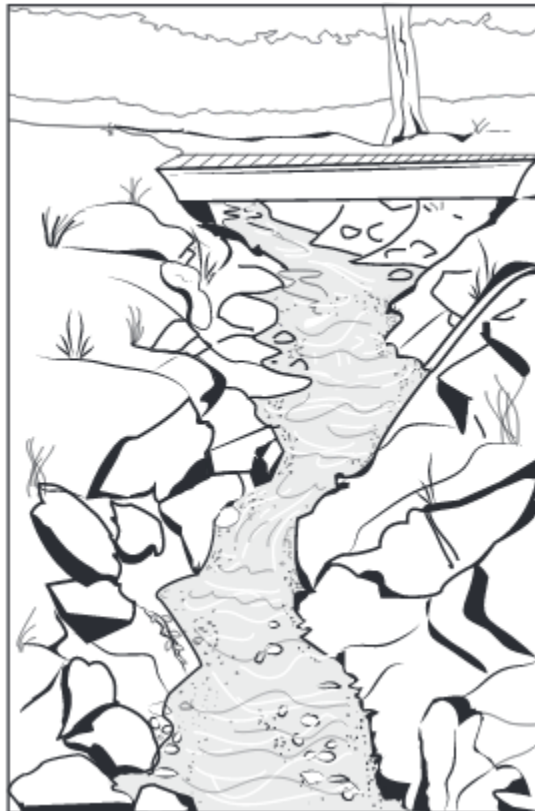
Objective c. Cite examples that demonstrate how the natural agents of wind, water, and ice produce slow changes on the Earth's surface such as carving out deep canyons and building up sand dunes.

Selected Response (SR) Item

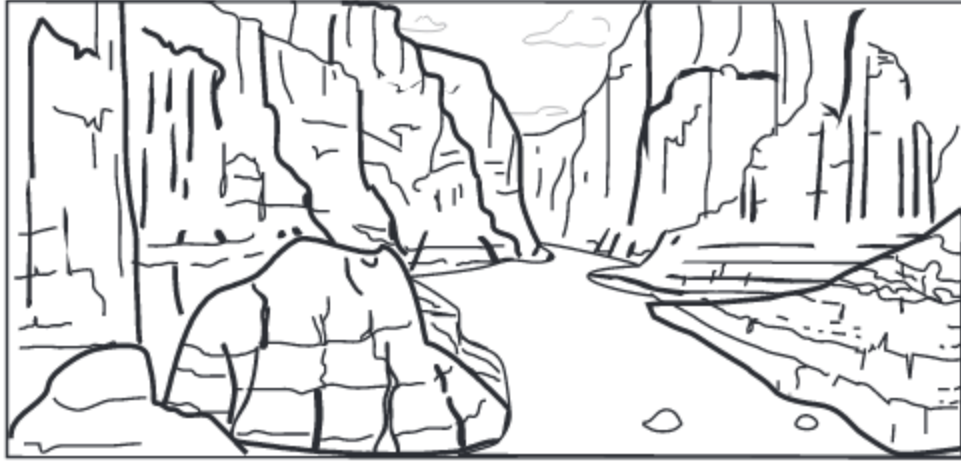
Question

Use the information below to answer the following:

Students observed a creek during a field trip to a local nature center. A nature center guide explained that natural processes had formed the creek and reshaped the surface of Earth along the creek.



Students compared their observations of the creek with the diagram of the Grand Canyon below.



Which process best describes how the Grand Canyon was formed?

- A. fast erosion by wind
- B. fast weathering by wind
- C. slow erosion by moving water
- D. slow weathering by moving water

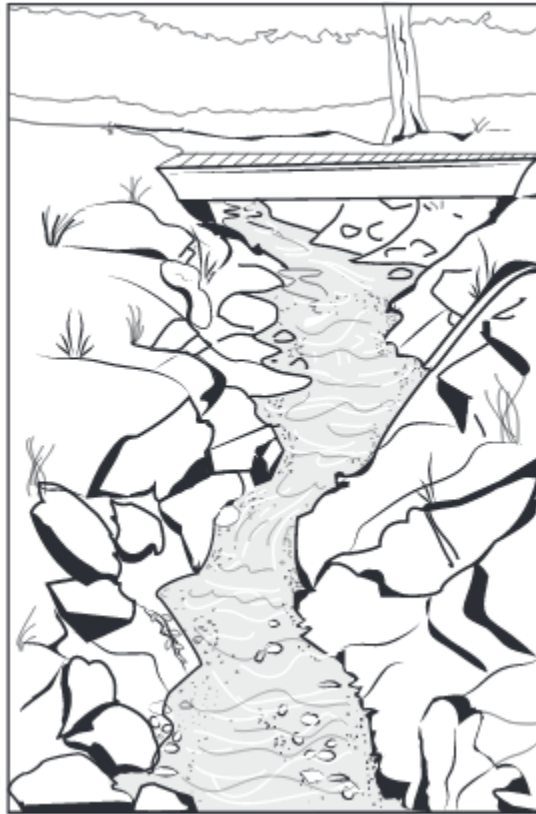
Correct Answer

C. slow erosion by moving water

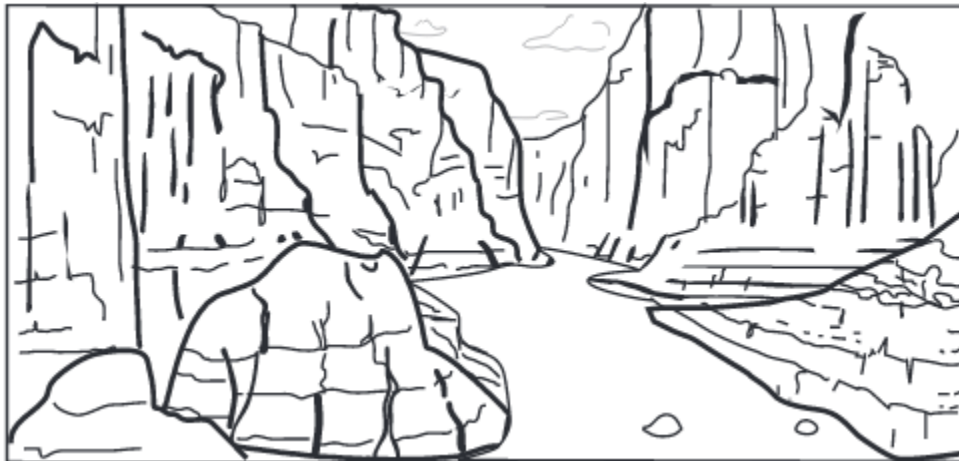
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